

P A T E N T C L A I M S

1. A window (1) comprising:

a frame (2) having a top member (3), a bottom member (4) and two side members (5, 6) defining a frame plane,

a sash (7) having a top member (8), a bottom member (9) and two side members (10, 11) defining a sash plane,

a screening arrangement (12),

10 said sash (7) being connected to the frame (2) by means of at least one hinge connection to provide a hinge axis substantially parallel with the frame top member (3) and the sash top member (8), such that the sash (7) may be moved from a closed position to a ventilating position, in which ventilating position the sash plane forms an angle within a limited angle range with the frame plane to provide at least one ventilating aperture, said screening arrangement (12) covering said at least one ventilating aperture at
20 least partly in the ventilating position,

 said screening arrangement (12) comprising at least one screening element (13, 23, 33), which, in a closed position of the window (1), is arranged in an inactive position at the interface between frame (2) and sash (7), and in the ventilating position spans the ventilating aperture between the frame bottom member (4) and the sash bottom member (9), and/or between the frame top member (3) and the sash top member (8), and that the at least one screening element
25 (13, 23, 33) is connected with the sash or frame top or bottom member (8, 3, 9, 4) and is in releasable engagement with the corresponding frame (3, 4) or sash member (8, 9) within said limited angle range
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characterized in that
said at least one screening element being provided exclusively at the top and/or bottom member of the sash and the frame.

5 2. A window (1) as claimed in claim 1, wherein the at least one screening element (13, 23, 33) of the screening arrangement (12) is adapted to be moved automatically from an inactive position corresponding the closed position of the window to an active position
10 corresponding to the ventilating position, and from the active position to the inactive position when the window is brought from its ventilating position to its closed position.

 3. A window (1) as claimed in any one of claims
15 1 or 2, wherein the at least one screening element (13, 23, 33) of the screening arrangement (12) is adapted to be moved automatically from an active position corresponding to the ventilating position to an inactive position when the window is brought past
20 its ventilating position to a more tilted position of the sash (7).

 4. A window (1) as claimed in any one of claims 1-3, wherein the screening arrangement (12) includes at least one screening element (13) formed as a flap
25 connected with the top or bottom member of the frame (3, 4) or the sash (8, 9) by means of a hinge.

 5. A window (1) according to claim 4, wherein said flap is adapted to hang freely under influence of gravity.

30 6. A window (1) as claimed in claim 4, wherein said flap is preloaded towards the active position of the screening element (13) by means of a tensioning element such as a coil spring.

7. A window (1) as claimed in any one of claims 1-3, wherein the screening arrangement (12) includes at least one screening element (23) formed as a curtain connected with the top or bottom member of the frame or the sash.

8. A window (1) as claimed in claim 7, wherein said curtain is a roll-up curtain preloaded in the direction of the inactive position of the screening element (12).

9. A window (1) as claimed in claim 7, wherein said curtain is a folded curtain.

10. A window (1) as claimed in any one of claims 1-3, wherein the screening arrangement includes at least one screening element (33) formed as a slider connected with the top or bottom member of the frame or the sash.

11. A window (1) as claimed in claim 10, wherein the slider includes a grid of wires or a plurality of fins or a brush.

12. A window (1) as claimed in any one of the preceding claims, wherein each of the top and bottom members of the frame and/or sash is provided with a chamfer.

13. A window (1) as claimed in any one of preceding claims, wherein means are provided for indicating the ventilating position.

14. A window (1) as claimed in any one of the preceding claims, wherein sealing means (27) are provided at each of the side members of the frame and sash.

15. A window (1) as claimed in claim 14, wherein said sealing means (27) comprise a sliding sealing or a brush element.

16. A window (1) according to claim 14 or 15, wherein the sealing means (27) are arranged to seal any gap between overlapping side members of frame and sash in the area between the hinge axis and the
5 screening arrangement (12).

17. A window (1) according to any of the preceding claims, wherein the screening arrangement (12) further comprises interface screening means (28) arranged at the interface between the screening element
10 (13, 23, 33) and the sash side members (5, 6).